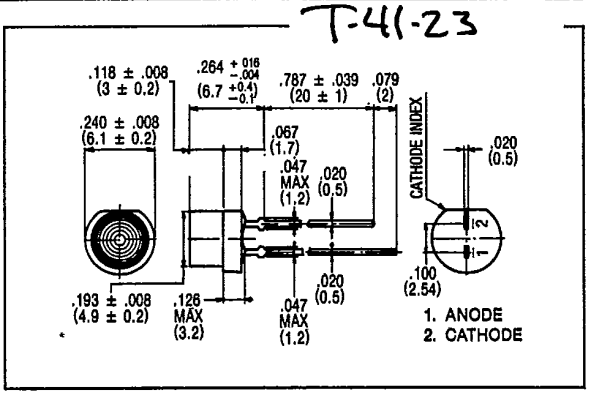
TRUNCATED LED LAMPS

T-41-23

FEATURES

- All plastic mold type.
- Low drive current, high intensity light emission.
- Recommended forward current: I_F = 15~20mA (DC).
- All plastic molded lens, provides an excellent on/off contrast ratio.
- Fast response time, capable of pulse operation.



MAXIMUM RATINGS (Ta = 25°C)

PART NO.	FORWARD CURRENT (I_F) (mA)	REVERSE VOLTAGE (V_R) (V)	POWER DISSIPATION (P_D) (mW)	OPERATING TEMPERATURE (T_{opr}) (°C)	STORAGE TEMPERATURE (T_{stg}) (°C)
MT470-R	25	4	70	-20~75	-30~100
MT470-G	25	4	70	-20~75	-30~100
MT470-Y	25	4	70	-20~75	-30~100

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH	SPEC. LINE HALF WIDTH
			typ.	min.	typ.	at mA	typ.	max.	at mA	μA	Vr	nm	nm
MT470-R	GaP/GaP	Red/Clear	120°	.5	1.5	15	2.1	2.8	20	5	4	700	100
MT470-G	GaP/GaP	Green/Clear	120°	1.4	5.0	15	2.1	2.8	20	5	4	565	25
MT470-Y	GaAsP/GaP	Yellow/Clear	120°	.8	4.5	15	2.1	2.8	20	100	4	585	32